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Sequence Listing

<110> LUKACSOVICH, Tamas  
ASZTALOS, Zoltan  
YAMAMOTO, Daisuke  
AWANO, Wakae

<120> A Vector for Gene Trap, and A Method for Gene Trapping by Using The  
Vector

<130> 2000-1561A/LC/00653

<140> 09/700,843  
<141> 2001-02-07

<150> PCT/JP99/02683  
<151> 1999-05-21

<150> JP 10-141952  
<151> 1998-05-22

<160> 7

<170> PatentIn Ver. 2.0

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<211> 11206  
<212> DNA  
<213> Artificial sequence

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<221> 3'P sequence  
<222> (1)..(237)

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<221> synthetic splicing acceptor site and stop/start sequence  
<222> (238)..(274)

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<221> Gal4 gene (coding region and 3'UTR)  
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<221> hsp70 terminator  
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<221> synthetic junction sequence  
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<221> heat shock promoter directed neomycine resistance gene on complemter  
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<222> (3458)..(4907)

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<221> mini-white gene

<222> (4908)..(8275)

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<221> synthetic splicing donor site

<222> (8276)..(8299)

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<221> 5'P sequence

<222> (8300)..(8446)

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<221> bacterial part of pCasper3 shuttle vector including complete pUC8 sequence

<222> (8447)..(11206)

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<221> synthetic DNA

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<223> Description of Artificial Sequence: Synthetic DNA

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aacaagcagt	tatttcggat	atatgtcggc	tactccttgc	gtcggggccc	aagtccttaga	11160
gccagatatg	cgagcacccg	gaagctcacg	atgagaatgg	ccagac		11206

<210> 2

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 5'P end of vector, splice acceptor site

<400> 2

tttgcgagta cgcaaagctc tttctcttac ag

32

<210> 3

<211> 31

<212> DNA

<213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: stop-start seq., Gal4 gene

<400> 3  
 gtcgaattga tgtgatggat ccaatgaagc t 31

<210> 4  
 <211> 30  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: mini-white gene

<400> 4  
 agacttcggg cccgacgcaa ggagtagaag 30

<210> 5  
 <211> 30  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: splice donor site, 3'P end of GT  
 vector

<400> 5  
 gtaagtagcg gccgcacgta agggttaatg 30

<210> 6  
 <211> 35  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: anterior open cDNA exon 1

<400> 6  
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<210> 7  
 <211> 36  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: anterior open cDNA exon 2

<400> 7  
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